service are sent between the transmitter and the receiver, using line-oriented transmission.

[0044] Another preferred refinement provides for the first message service being a multimedia message service, preferably the MMS message surface, and/or provides for the second message service being a short message service, preferably the SMS message service.

[0045] A further, preferred refinement provides for the first message service being the MMS message surface and the second message service being the SMS message service. In this context, the dedicated, first group of messages of the first message service includes at least one of the following messages:

[0046] dedicated MMS user messages (e.g. short text messages)

[0047] notification of the presence of a message on the MMS server (notification)

[0048] logging on to an MMS session (session establishment)

[0049] receipt for this log-on (receipt)

[0050] explicit request for a notification from the MMS relay (explicit notification query)

[0051] confirmation of the reception of sent MM's in the relay (ACK/NACK_submission_1)

[0052] confirmation of the success in sending an MM's to other users (ACK/NACK_submission_2) acknowledgment of the success/failure in delivering an MM (ACK/NACK_delivery)

[0053] triggering the automatic MM-download (pull-push).

[0054] The advantage of this implementation is that SMS already exists, and the use of this service therefore facilitates the market introduction and acceptance of MMS. SMS makes available a reliable service for the above-mentioned notifications. When SMS is used, there is no need for additional signaling for transmitting notifications. SMS offers a bandwidth-friendly service for such simple notifications, this service also being simultaneously usable for ongoing connections or sessions in the GSM, GPRS, and UMTS system. SMS is also available in second generation cellular phones (e.g. GSM). Therefore, a user may use essential features of the MMS service without necessarily requiring a (an expensive) third generation cellular phone (e.g. UMTS).

[0055] According to a further, preferred refinement, the SMS short message is provided with a data portion, which has at least one of the following elements for establishing the message of the first message surface: identification of the type of message of the first message service and/or content of the message of the first message service.

[0056] According to another preferred refinement, the length of the message of the first message service is specified as a further element for establishing the message of the first message service.

[0057] A further, preferred refinement provides for at least a portion of the elements being accommodated in a user-data header of the SMS short message.

[0058] A further, preferred refinement provides for the user-data header being constructed in WCMP format, in which the message of the first message service is embedded.

[0059] According to a further, preferred refinement, the SMS short message is provided with a header, which has, in the data portion, an identifier for indicating the presence of a message of the first message service.

BRIEF DESCRIPTION OF THE DRAWING

[0060] Exemplary embodiments of the present invention are shown in the drawing and are explained in detail in the following description.

[0061] The figures show:

[0062] **FIG. 1** the structure of the SMS short message of the first type A in GSM, in a first specific embodiment of the method according to the present invention;

[0063] **FIG. 2** the structure of an SMS short message of the first type A in GSM, in a second specific embodiment of the method according to the present invention;

[0064] **FIG. 3** the structure of an SMS short message of the second type B in GSM, in a third specific embodiment of the method according to the present invention;

[0065] **FIG. 4** the principal structure of a first type A of SMS in GSM; and

[0066] **FIG. 5** the principal structure of a second type B of SMS short message in GSM.

DETAILED DESCRIPTION

[0067] In the figures, identical reference symbols denote identical or functionally equivalent elements.

[0068] **FIG. 1** shows the structure of an SMS short message of the first type A in GSM, in a first specific embodiment of the method according to the present invention.

[0069] In the first specific embodiment according to **FIG. 1**, the first message surface is the MMS message service, the second message surface is the SMS message service, and the dedicated, first group of messages of the MMS message service is:

[0070] dedicated MMS user messages (e.g. short text messages)

[0071] notification of the presence of a message on the MMS server (notification)

[0072] logging on to an MMS session (session establishment)

[0073] receipt for this log-on (receipt)

[0074] explicit request for a notification from the MMS relay (explicit notification query)

[0075] confirmation of the reception of sent MM's in the relay (ACK/NACK_submission_1)

[0076] confirmation of the success in sending MM's to other users (ACK/NACK_submission_2)

[0077] acknowledgment of the success/failure in delivering an MM (ACK/NACK_delivery)